



**DEPARTMENT OF FORESTRY AND FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL**

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I-3 CODE PROPOSAL TASK FORCE (2017) MEETING NOTES – AUGUST 18, 2017

Attendees:

Rick Cortina
Greg Granados
Shawn Sen
Larry Bogovich
Lorenzo Lopez
Maynard Feist
Chuan Hua
Lito Cataylo
Tamara Clarke
Michael Scott
Spencer Meyer
Crystal Sujeski
Greg Andersen
Bill Robertson
Sanjay Aggarwal
Diana Scaturro

Erel Betser
Aaron Greer
Sheree Lowe
April Lenkey
Josh Gibson
Gary Dunger
Justin Hendricks

(Apologies if others may have joined
either on Skype or on the conference line
that were missed in the attendees list)

AGENDA TOPICS

1. Welcome

Greg Andersen called the meeting to order at 1305 and welcomed everyone to the meeting. Members participating via teleconference were asked to email their contact information to either crystal.sujeski@fire.ca.gov or greg.andersen@fire.ca.gov.

2. Meeting Objective

Review the rulemaking cycle. The Office of the State Fire Marshal (OSFM) will be submitting their rulemaking package to the Building Standards Commission June 2018 for the 2019 code adoption cycle, which goes into effect January 2020.

Proposals for the 2019 California Building Code / Fire code will be developed by this taskforce. It is the goal of the kick-off meeting to identify issues that should be considered. This includes the items that were tabled from the Taskforce for the 2016 Intervening code cycle. Brainstorming and new issues will be discussed.

A link to the final report and to the Building standards commission approved intervening code changes are attached.

3. Issues that were discussed.

OSHPD- Flooring requirements for psychiatric wards- currently no products to meet the standard.

- Exchange of information – definition is SFM language and there are materials that comply – attached material links provided by Greg Granados for class 1 or A flooring (noncombustible)
 - <https://durolak.com/en/wood/>
 - http://www.floorexpert.com/articles/Specifications_Standards_Certificates/ASTM-F-1303-Sheet-Vinyl-Floor-Covering-with-Backing
 - <http://johnsonite.com/Technical-Data/Codes-Regulations>
 - https://www.google.com/search?q=class+1+sheet+vinyl+flooring&ei_yaWcnuBamJ0wL7xLfQCA&start=10&sa=N&biw=1536&bih=778
 - <http://wftaylor.com/wp-content/uploads/bsk-pdf-manager/2017/03/Taylor-2080-Spec.pdf>

4. Code Change Proposals and subgroups created.

- Attached is an excel spreadsheet of the subgroups created. Please email crystal.sujeski@fire.ca.gov or the chair of the subgroup if you are interested in participating.

- **Subgroup 1 – Exiting thru a rec yard**
- **Chairs – Lorenzo Lopez and Maynard Feist**
- **Email info:**

llopez@nlarch.com

Maynard.feist@lionakis.com

- When using an interior Rec Yard as an accessory to a dedicated housing Pod, the occupant load assigned to the yard is equal to the dedicated housing pod and not considered cumulative for determining exiting.
- Exiting thru a dedicated rec yard with an occupant load greater than _10? _will require 2 exits.

- When using the rec yard as an exit access to an exit discharge and the occupant load exceeds 10 then 2 exits shall be provided to the exterior.
- Exit discharge for outdoor rec yard open to the sky
- Which part of the exit access, exit or exit discharge is a rec yard.
- Access is limited to travel distance (increase based on sprinklers)
- Clarify chap 408 terminology of the term exit and exit access
- Exit door as defined by exit
- Scrub thru the I-3 provisions where the term exit is used when the exit access it what is meant

- **Subgroup 2 – Clarification of code issues**
- **Chairs -Maynard Feist and Lorenzo Lopez**

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llopez@nlarch.com

Maynard.feist@lionakis.com

- section 408 (vision panels)
- 408.8 sub division of area (idea to send to Lorenzo)
- 408.13 does this relate to the door for vision panel?
- Update standard in 408.13 (2) CDCR appendix H
- 905.3.10 – standpipes clarification on 50 inmates unit vs complex
- 408.9 -smoke control in corridors?
- I-2 smoke detection?
- Padded cells and 1 hr. separation, cuff ports: incidental use? Fire barriers vs fire partitions
- Table 509 exceptions or 408
- Chase down the reason – why ICC changed the table added 1 hr. separation for padded cells
- Habitable space definition vs rooms (I-2)

- **Subgroup 3 – Occupant load factors section 1004.1.2**
- **Chair (Crystal)**

Email info:

Crystal.sujeski@fire.ca.gov

[Table 1004.1.2 occupant load factors provided from previous task force for reference. These are proposed changes]

- **Table 1004.1.2**

MAXIMUM FLOOR AREA

OCCUPANT LOAD FACTOR

ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE

<i>Detention Facilities</i>	<i>Number of beds^d</i>
<i>Housing Pod</i>	
<i>Exercise rooms or exercise areas</i>	<i>50 net</i>
<i>Dining areas</i>	<i>15 net</i>
<i>Instructional classroom</i>	<i>20 net</i>

c. Where the path of egress travel from cell tiers or housing areas pass through adjacent dayrooms, the cumulative occupant loads shall be based on the number of beds or occupants in cells; the area of dayrooms accessory to cell tiers or housing areas shall not count towards cumulative occupancy of the housing pod.

d. Based on maximum number of beds in housing pods (not dayroom area)

- Revise rational / work on justification:

- **Subgroup 4 – Restraint (how to calculate occupant load, conditions, etc.)**

- **Chair Rick Cortina**

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Rickcortina@hotmail.com

- Restraint within a room, how to calculate occupant load?
- What are the restraint conditions?
- Clarification of definition of restraint
- Occupant load as it relates to 1004 (how to determine the load factor for exiting)
- Classification of restraint? (hand cuff to a bench)
- Restraint within a room, how to calculate occupant load?
- What are the restraint conditions?
- Clarification of definition of restraint
- Occupant load as it relates to 1004 (how to determine the load factor for exiting)
- Classification of restraint? (hand cuff to a bench)
- What about a mall? Only in law enforcement facilities –
- Come up with a recommendation
- What will be the criteria (or exceptions)?
- Maybe a condition 9 (one on one)
- Look at def. of temp holding facility
- Full area smoke detection? *throughout with an automatic fire alarm smoke detection system with notification appliances*

5. Tabled some new ideas to be discussed next meeting-

- Metal detention wall panels
 - Special inspection
 - what elements about it (i.e.: grout, density of grout, welding, visual or performed, etc.)
 - SFM to adopt chapter 17 by reference
 - Rated or non-rated assemblies – (chapter 7)
 - Penetration details- firestopping (certified or not)

6. Action Items

- Crystal Sujeski will send out an invite for the next meeting for October 20, 2017 at 1300 (1pm).
- Members of the sub groups send out email for interest
- Email out word copy of proposals (2016 intervening cycle)
- Email template for proposals
- Send out roster